

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 14 Dec 2023 until 23:59 on Friday 15 Dec 2023

Forecast Issued on Thursday 14 Dec 2023 at 02:25

Confidence: High

Headline for Thursday 14 Dec 2023: Damp start, but brightening up.

Mountain weather hazards on Thursday 14 Dec 2023

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Medium Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain	Drizzle	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
80%	40%	20%	<05%	<05%	10%

Forecast for Thursday 14 Dec 2023

Weather: Outbreaks of rain and drizzle during the morning, but becoming drier by midday and the cloud beginning to lift and break, some bright spells developing during the afternoon. Mainly dry into the evening, although an isolated shower is increasingly possible.

Chance of cloud-free hill tops above 600m: 10% to start, rising to 80% into the afternoon.

Low Cloud and visibility: Extensive cloud with bases down to 200-300m initially, lifting and breaking through the late morning to give scattered cloud with bases 600-900m into the afternoon. Visibility moderate to very poor initially, becoming mostly very good into the afternoon and evening.

Forecast for Thursday 14 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 SW	12/14 SW	12/16 W	11/17 W	11/18 W	13/20 W	15/22 W
300	7/20 SW	2/11 SW	7/17 W	7/19 W	8/19 W	8/19 W	8/20 W
Valley	3/16 SW	1/6 NW	3/9 W	2/8 W	3/10 W	2/10 W	3/12 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	3/-2	4/-1	3/-1	3/-1	3/-1	3/-1
300	3/0	3/2	6/4	5/2	5/2	5/2	5/2
Valley	4/2	5/4	6/5	6/5	5/3	5/3	5/4
Freezing Level*	1400m	1300m	1000m	1000m	1000m	1000m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 14 Dec 2023	0.6mm	8mm	9mm

Forecast for Friday 15 Dec 2023

Weather: Mainly dry overnight and during the day with clear spells. Lowering cloud and some outbreaks of rain and drizzle into the evening. Increasingly windy with a significant wind chill over the summits but otherwise fairly mild for the time of year.

Maximum wind: West or Southwest 25 to 30mph gusting 40-45mph.

Chance of cloud-free hill tops above 600m: 80%, falling 20% during the evening.

Low Cloud and visibility: Occasional or scattered cloud above or perhaps near the summits, becoming increasingly extensive with bases 300-600m into the evening. Visibility mainly good.

Temperature: **Valleys:** Plus 4 to 10 Celsius
At 600m: Plus 2 rising to 6 Celsius
Freezing level: Above the summits